DO NOT ISSUE ANY HOT WORK PERMITS UNTIL FURTHER NOTICE.

SOUTH PRODUCTION NOTES

June 13, 2014 Afternoon Shift

BASF EMPLOYEES
96 Last Recordable
347 Last Lost Time

#1 MED / ICL-8:

We are going up to Batch 224 per Kristen (6/12/14, 5 pm M.V.). Keep a close eye on diameters. Anything from .129" to .133". Check the oil in reservoir. Midnight shift: Continued/last batch will now be 224.

Day shift: Made batch 224, now on hold. Kristen will advise when to restart line (need to feed more bags to calciner before restarting).

Afternoon shift:

#1 RC / ICL-8:

Be sure that any drums that are brought up to be refired have labels on them. Try to maintain feed rate at 400 lbs/hr (per Kristen kaput on 6/11/14). Current syntron settings are at 13% vibration / 1 second "on" / 36 seconds "off". As long as the material remains white when discharging from calciner, do not change settings.

Midnight shift:

Day shift: Continue. Had off-colored material late in shift due to increase of "on" time on syntron. This was corrected and turning white again. Maintain the syntron numbers above. Consult with engineer before making any temp or feed changes.

Afternoon Shift:

Exhaust to F1 for ICL-8

#2 MED line/ Cu-0860:

Continue until out of Cu 3818 (early afternoon shift). We are not done...just on hold until more Cu 3818 is made on #5 RC.

Midnight shift: Continued.

Day Shift: Continue, should have 1 or 2 batches remaining to make on

afternoon shift until more Cu 3818 is available.

Afternoon Shift:

#2 RC/ Cu-0860:

Make sure that we are back to temperature per MOD. Note: the fines screen was changed from a 10 mesh to 12 mesh per John Bodmann 6/13/14. Midnight Shift: Continued.

Day shift: Continue

CONFIDENTIAL BASE 114 011188

Afternoon shift:

Exhaust to F1

#3 MED line / D-0713 done, D-1798 NAQ next:

Last batch made, bring down for cleaning.

Midnight Shift: Continued-should be out by day shift when versol 300 bag that is hanging is empty.

Day shift: Last batch made, will start cleaning for D 1798 NAQ (easy clean-up with no water, cleaning instructions in GL office).

Afternoon Shift:

#3 RC / D 0713:

Continue On.

Midnight shift: Down until we have feed to restart. 2 on floor and one over

hopper.

Day shift: Continue Afternoon Shift:

Exhaust to Trimer

#4 RC / D-5206:

We will be running D-5206 until we finish the Cu-0226.

Midnight Shift: Continued.

Day shift: Continue, keep feed rate up (mid-600's per hr)

Afternoon Shift:

Exhaust to 4A DC

<u>#5 RC / Cu-3818:</u>

DOWN. We will only use Phibrotech copper and the material will be discharged onto a 120 bag. Knockers installed.

Midnight Shift: Started feeding after reaching temperature. Down-the vacumax at discharge is plugged-we cleared it out and plugged up again within 20 seconds.

Day shift: The recently installed knockers have been freeing up caked material from inside the calciner, and the material would not flow freely through the Vac-U-Max. Had to clean out the pot and line several times during day shift. Calciner was backed up over the roto-lock...finally emptied out late day shift. Check inside calciner drum to verify still empty and if OK, begin feed at start of afternoon shift (John Bodmann was advised of this issue). Afternoon shift:

Exhaust to 5A DC

Old Pfaudler – D-0754 completed, SC Type G (D 0761) next: Completed.

Midnight Shift:

Day Shift: No activity. Will need ready by Monday for first impregs

Afternoon Shift:

#6 RC / D-0754 done, SC Type G (D 0761) next:

Completed.

Midnight shift: Started cleaning but had to stop-no water in B-27.

Day Shift: Some cleaning performed, need to continue and have ready by

Monday for D 0761 SC Type G.

Afternoon shift:

Exhaust to Sly Scrubber

PK Blender / Na Selexorb Intermediate:

Maintenance corrected the issue with the gear break. The seals can now be repaired.

Midnight Shift: Hold for day shift.

Day shift: Made batch but now have leak on west seal. Work notification submitted...cannot run until this is fixed. Also need to rinse out PK before seal work.

Afternoon shift:

TANK 7 / Cu 0226 solution:

MOD is in the department.

Midnight shift: Monitor temps.

Day shift: Monitor temps and adjust tank as necessary

Afternoon Shift:

New Pfaudler / Cu 0226:

MOD is in the department. Pfaudler rinsed. Awaiting spheres; no due date listed.

Midnight shift: Batch is drying-checking LODs

Day shift: Continued drying batch, dropped late day shift. Afternoon shift will

hold until Grodecki advises (waiting on lab results from first batch)

Afternoon Shift:

Abbe Blender – D-5206:

We can run on the weekend and off shifts. 20 additional bags of 5202 can be found at dock #2 across from building 31.

Midnight shift: No activity.

Day shift: No activity

Afternoon Shift:

National Dryer / D-5206:

Done

Midnight Shift: Ensure all material has been fed.

Day shift: No activity...bring dryer down

Afternoon Shift:

Tower 3 /Cu-0860:

Sheaves have been changed. The next load is Cu-0860. Keep a close eye on this tower. Remaining bags of Cu-0860 will have to be inspected before loading for excessive fines. Engineers are aware of this issue.

Midnight Shift: Running/May load DPT-101 next-K Kaput will advise on Friday-

Tower coming down Friday around noon.

Day shift: Will unload and reload beginning afternoon shift.

Afternoon shift:

Tower 6 / 930 VAM:

Loaded and running. Each tower load will take 5 super sacks filled with 8 drums.

Midnight Shift: Started to unload tower at 4:45am.

Day shift: Unloaded/Reloaded with 930 VAM.

Afternoon shift:

<u>Harrop Kiln - Al-4096 XL</u>

Continued. Use existing drums and place new labels (after old labels are peeled off) on the same spot.

Midnight Shift: Continued loading and unloading.

Day shift: Continue Afternoon shift:

North Screener / DPT 101:

We need to double band all of the socks to the bins BEFORE OPENING ANY BINS - use the newly acquired adjustable quick disconnect hose clamps. Make sure that we hit the MOD rate.

Midnight shift: Hold.

Day shift: Hold Afternoon Shift:

South Screener / Cu-0860:

We need to double band all of the socks to the bins BEFORE OPENING ANY BINS – we have now in place the newly acquired adjustable quick disconnect hose clamps. Make sure that we hit the rate required.

Midnight shift: Continued.

Day shift: Continue Afternoon Shift:

#2662 (east) Pill Machine / Zr-0403 1/8: Hold

Started to clean up and take apart machines in preparation for Zr material. We will use only one dust collector.

Midnight shift: There is no water or pressure in B-27 to wash out dust collector.

Tank 14 is empty- a work order is in.

Day Shift: No activity

Afternoon shift:

#2664 (west) Pill Machine / Zr-0403 1/8: Hold

Started to clean up and take apart machines in preparation for Zr material. We will use only one dust collector.

Midnight shift:

Day Shift: No activity

Afternoon shift:

TK #2 Change over to V 2010:

Just need to verify that all saggers have been changed over. We can use V 2010, AL saggers that are clean, or new saggers. Fill in work. We will be tentatively starting the week of June 23.

Midnight shift:

Day Shift: No activity

Afternoon shift: No change.

Miscellaneous:

Lucas changed out the pump on the F1 Scrubber tank on 1st floor.

- 1. DL Page will be replacing a section of the #3 line dust collector during shut down. Ray N. project.
- 2. F1 Scrubber leak need to check the suction. It may be pulling too hard allowing the water to blow through the blower. Other improvements / repairs need to be discussed for possible work over shut down.
- 3. Pioneer was in to take samples for Asbestos in the Truck and Tray dryers. Project quotes from other contractors underway.
- 4. A bag of ICL-8 out of the dryer is on hold and labeled "Hold for Kristen".